

# Placer County

# Wastewater Advisory Committee

County Environmental Health • 3091 County Center Dr. Suite

180 ♦ Auburn, CA 95603

# **DRAFT MINUTES**

February 02, 2010 CDRA Cypress Room

### Call to Order

A. Guy Ostenson called the meeting to order at 4:30 p.m.

#### I. **Preliminary Items**

# A. Roll Call and Determination of Quorum

Ken Denio, Kevin Bell, Mark Navo, David Honeycutt, Bill Carpenter, Guy Ostenson, Marc Lindbloom, Chris White, Rick Bluhm Mike Broyer, and Joe Olsen were present. Dave Buck and Tibor Banathy were absent. A quorum was established.

## B. Introduction of Guests

Rick McCauley, attended as a guest. Leslie Lindbo, Mohan Ganapathy and Diana Angus attended the meeting representing Environmental Health.

## C. Minutes Review

Ken Denio made a motion to accept the December, 2009 minutes as written, the motion was seconded by Mike Broyer. The vote was all in favor and no opposing votes. Bill Carpenter abstained.

## D. Agenda Review

There was a review of the February agenda as written.

#### II. **Action Items**

# A. Elections of Officers

Rick Bluhm was nominated for new Chair person by Mike Broyer, Guy Ostenson seconded. The vote was all in favor and no opposing votes.

Ken Denio was nominated for Vice Chair person by Rick Bluhm, David Honeycutt seconded. The vote was all in favor and no opposing votes.

# B. Pretreatment Unit Disinfection

Leslie Lindbo read the Environmental Health Services report entitled Review of Disinfection Component for Envirocycle Advanced Wastewater Treatment Systems. This report was in response to Bill Carpenter's request to use a UV light disinfection system of his own design to be used with the Envirocycle pretreatment units rather than the Salcor 3G UV disinfection system.

Bill Carpenter took questions from the committee and the attending guest to get input.

He pointed out that he believes the Salcor unit is detrimental when used with Envirocycle system for two main reasons. First, water intrusion from the Salcor unit is problematic and second, the unit causes heating of the water causing biological activity. His solution is a patent-pending UV system that has gone through approximately 7 weeks of testing and, according to Bill Carpenter, performs better than the Salcor unit. Bill carpenter stated he has a patent-pending on his invention design therefore he is not willing to allow anyone to see the unit. Bill proposed testing every month for the next six months on the Envirocycle system currently using the new device. It was discussed that the testing period needs to be longer and samplings should be taken by a third party. Bill Carpenter stated that the current protocol for systems in the experimental program is that the proprietor or agent collects the sample and the analysis is completed by an independent lab. Bill Carpenter is currently collecting the samples and Diamond Labs is doing the testing.

There was some discussion regarding the methods to conduct the independent testing through a third party, such as a university or NSF. If a testing protocol was proposed for Placer County the members discussed the preference for 3<sup>rd</sup> party sample collection, and analysis by a certified laboratory over a period of time such as 6 to 9 months. It was also noted that if/when the WAC Committee recommends approval of the proposal, it would still need final approval the by Environmental Health Services Director.

A motion was made by Mark Navo to not approve the proposal, but to request additional information. There was group discussion regarding the wording of the motion, which was agreed to as:

To require supporting research data and real time use monitoring data from accredited universities, research foundations or other qualified nationally recognized independent third party entities; or the applicant may propose an acceptable testing protocol to be evaluated by the WAC. The proposal should include 3<sup>rd</sup> party sampling collection and analysis by a certified laboratory.

The motion was seconded by Mike Broyer. Guy Ostenson abstained due to conflict of interest because of the Singulair UV light approved for use at a previous meeting. The vote was all in favor and no opposing votes.

## III. Non-Action Items

### A. <u>Legislative Update: AB885</u>

Leslie gave a brief update. The California Conference of Directors of Environmental Health is working with the RCRC and the state board in creating the tier I, II (much of Placer County), and III evaluation for onsite systems.

B. Onsite Sewage Ordinance Draft
Jill Pahl is reviewing the draft ordinance.

# IV. Agenda Preparation for Next Meeting

> Date: March 2, 2010

➤ Location: Cypress room at the CDRC

Time: 4:30 PM to 6:00 PM.

# **Proposed Action Items:**

• Envirocycle UV System

# **Proposed Non-Action Items:**

• Mike Stoll - Netafim presentation – a request was made to do the presentation first.

# V. Adjourn

The meeting was adjourned at 6:15 PM

